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Figure 1A

1 MTSANKAIEL QLQVKQNAEE LQDFMRDLEN WEKDIKQKDM ELRRQNGVPE ENLPPIRNGN
61 FRKKKKGKAK ESSKK'TREEN TKNRIKSYDY EAWAKLDVDR ILDELDKDDSD THELSQESE
121 SEEDGIHVDS QKALVLKEKG NKYFKQGGKYD EADICYTKGM DADPYNPVLP TNRASAYFRL
181 ZKKFAVAESDC NLAVALNRSY TKAYSRRGAA RFALQKLEEA KKDYERVLEL EPNNFPEATNE
241 LRKISQALAS KENSYPKEAD IVIKSTEGEER KQIEAQQNKQ QAISEKDRGN GFFKEGKYER
301 AIECYTRGIA ADGANALLPA NRAMAYLKIQ KYEEAEKDCT QAILLDGSYS KAFARRGTAR
361 TFLGKLNKAK QDFETVLLLE PCNKQAVTEL SKIKKELIEK GHWDDVFLDS TQRQNVVKPI
421 DNPPHPGSTK PLKKVHIEET GNLIQTIDVP DSTTAAAPEN NPINLANVIA ATGTTSKKNS
481 SQDVLEFTSD TPRAKVLKIE EVSDTSSLQP QASLKQDVCQ SYSEKMPIEI EQKPAQFATT
541 VLPPI'ANSF QLESDFRQLK SSPDMLYQYL KQIEPSLYPK LFKKNLDPDV FNQIVKILHD

601 FYIEKEKPLL IFEILQRLSE LKRFDMAVMF MSETTEKKIAR ALFNHIDKSG LKDSVSVEELK
661 KRYGG

Figure 1B

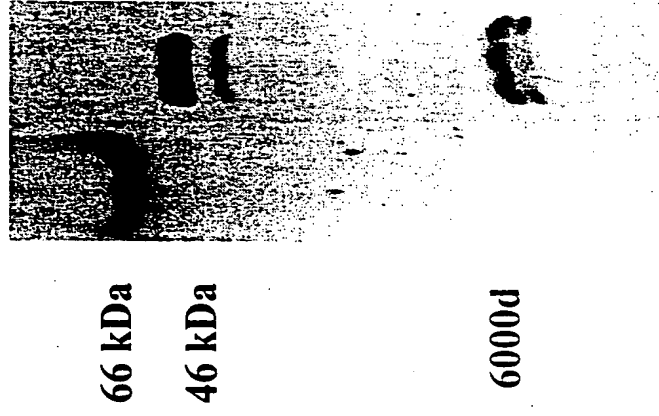


Figure 2

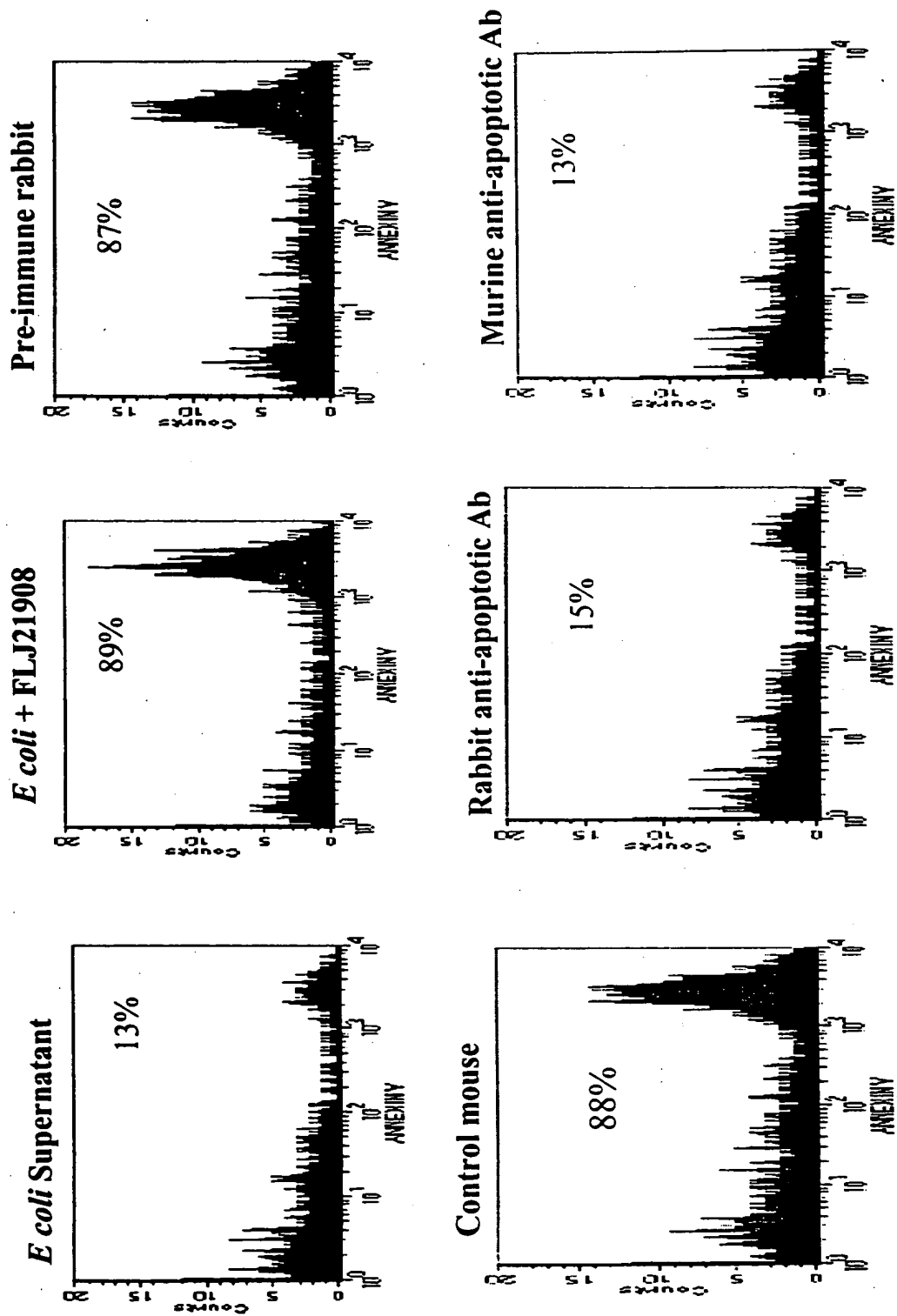
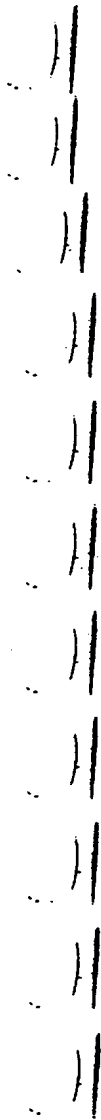


Figure 3

39 40 41 42 43 44 45 46 47 48 49

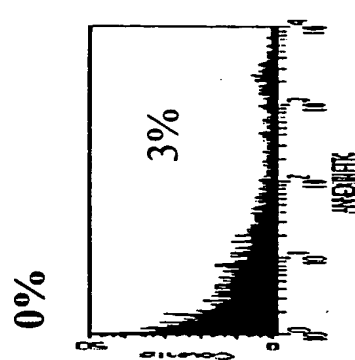
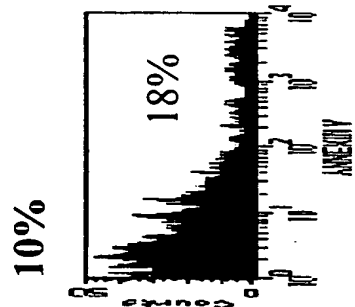
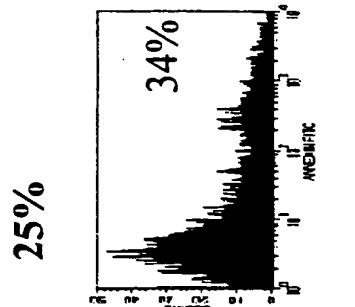
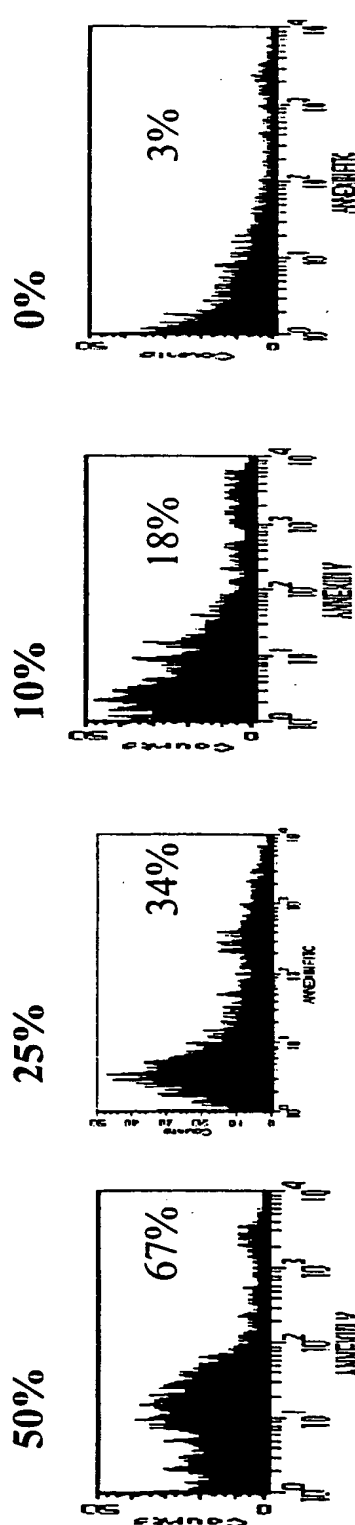


6000d

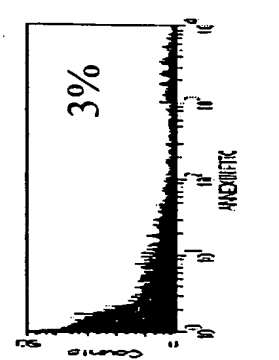
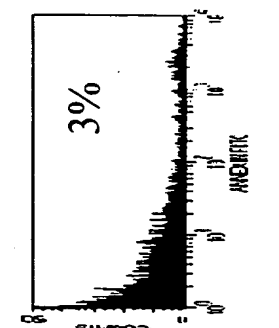
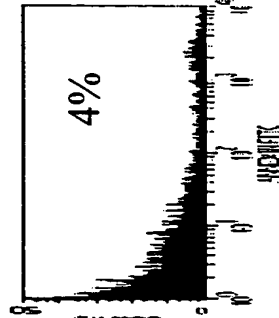
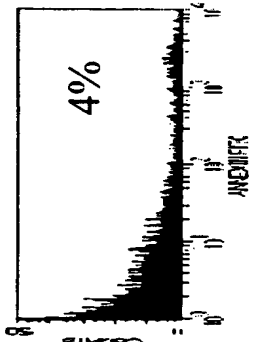


Bosc cells + FL14676485

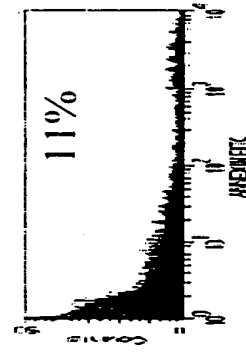
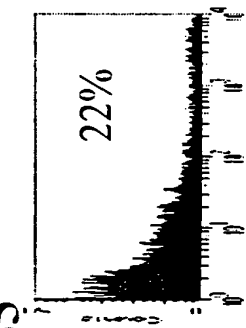
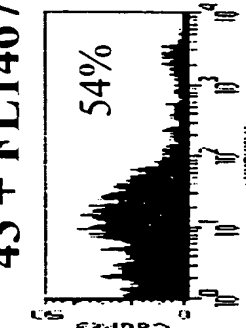
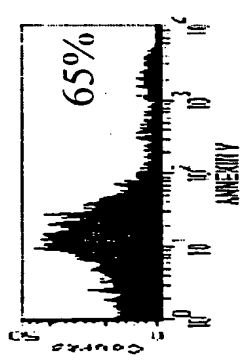
Figure 4



Bosc cells + GFP



43 + FL14676485



43 + GFP

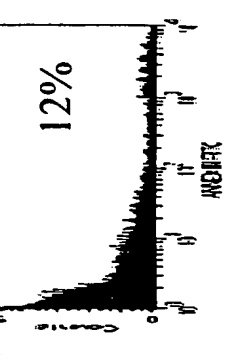
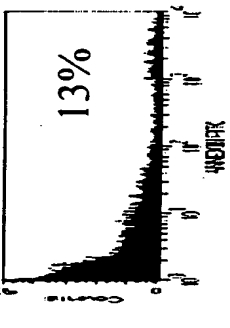
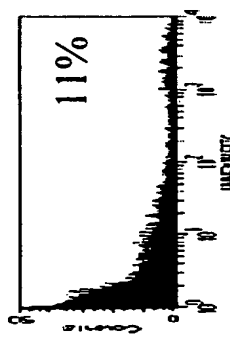
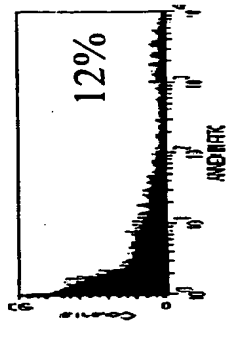


Figure 5

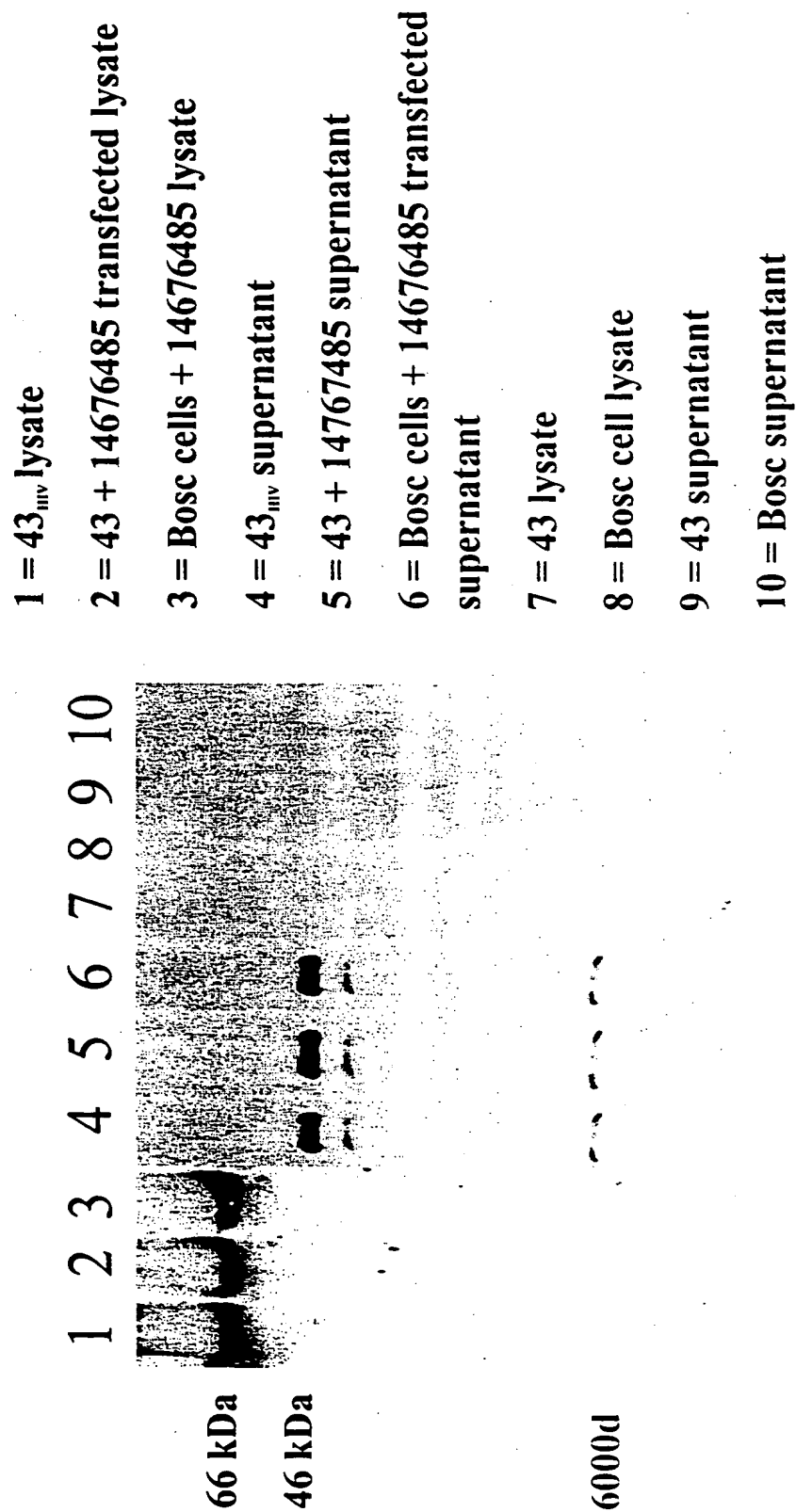


Figure 6

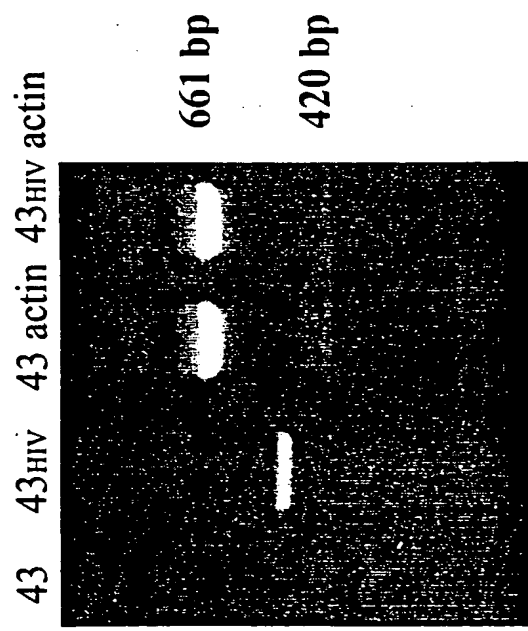
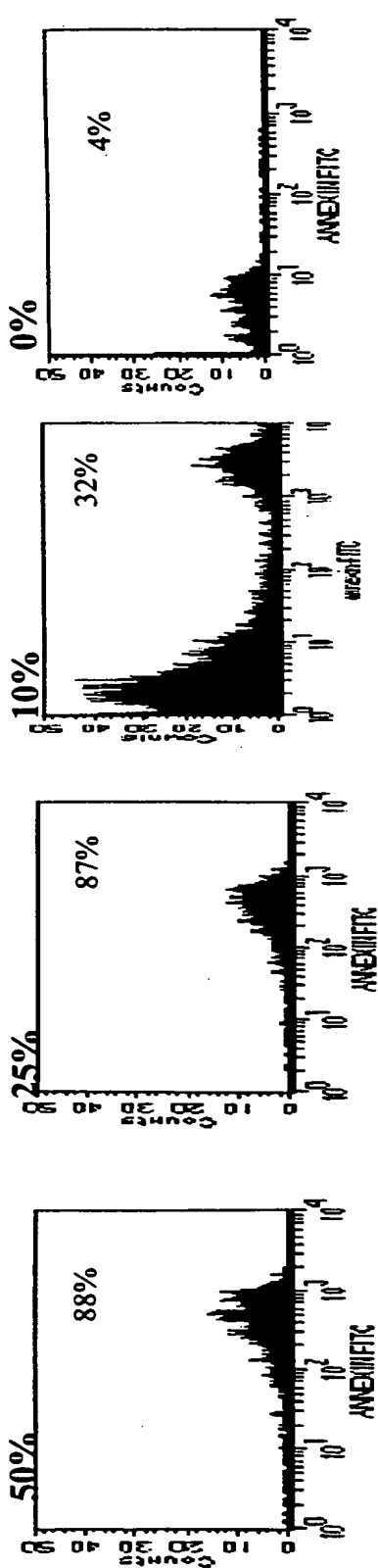
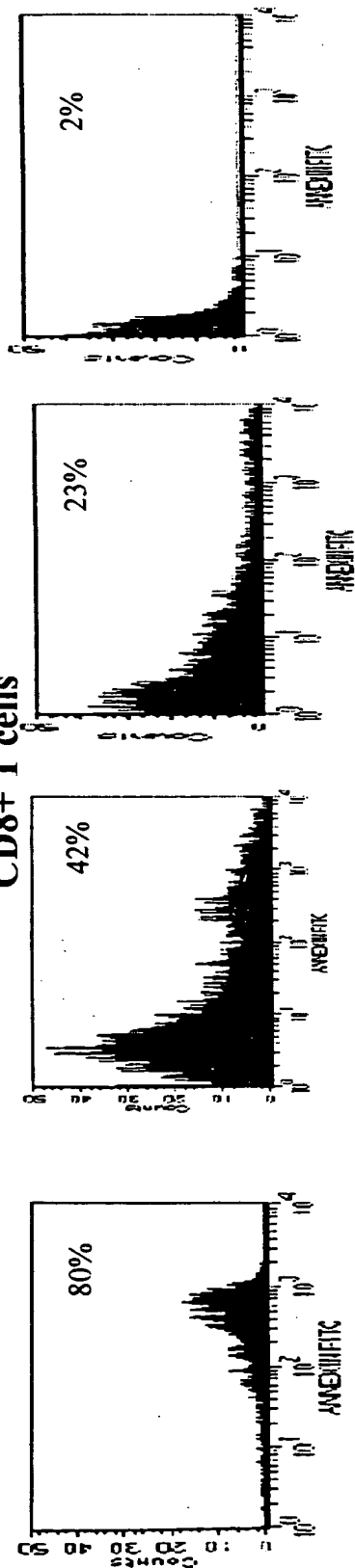


Figure 7

CD4+ T cells



CD8+ T cells



B cells

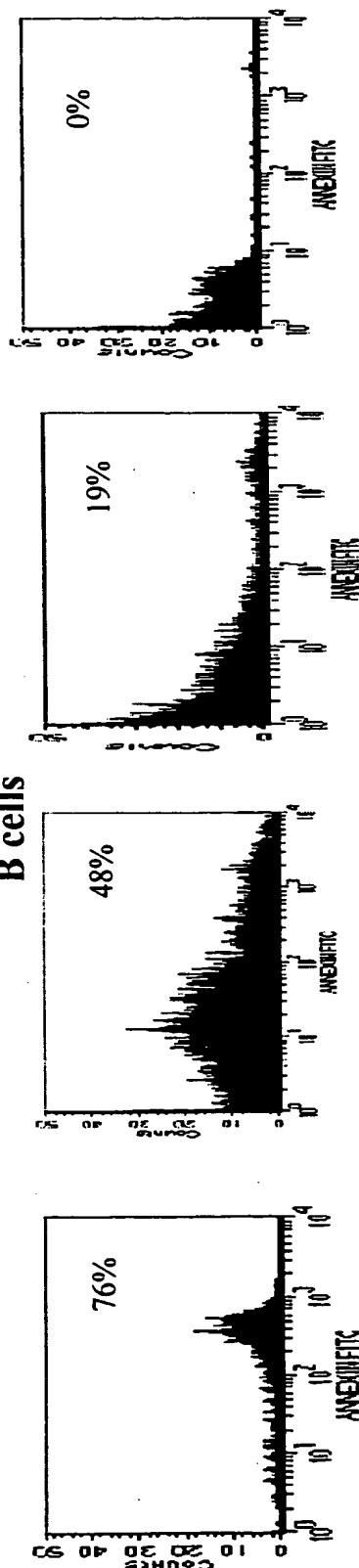


Figure 8

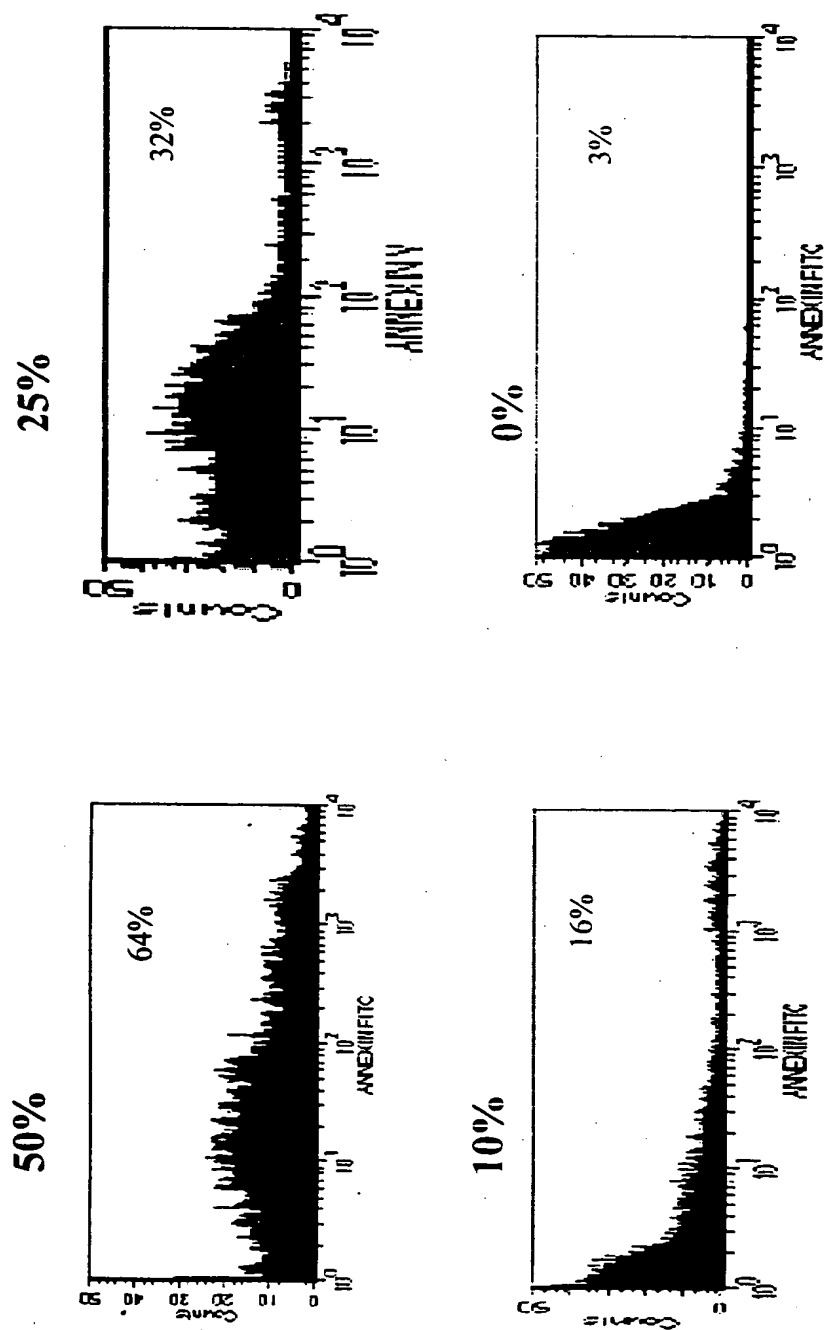
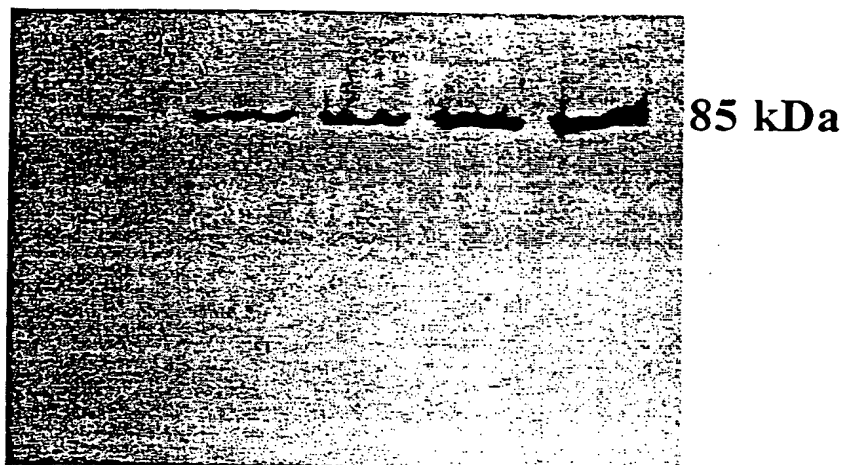


Figure 9

PARP

0% 1% 10% 25% 50%



Caspase 3

0% 1% 10% 25% 50%

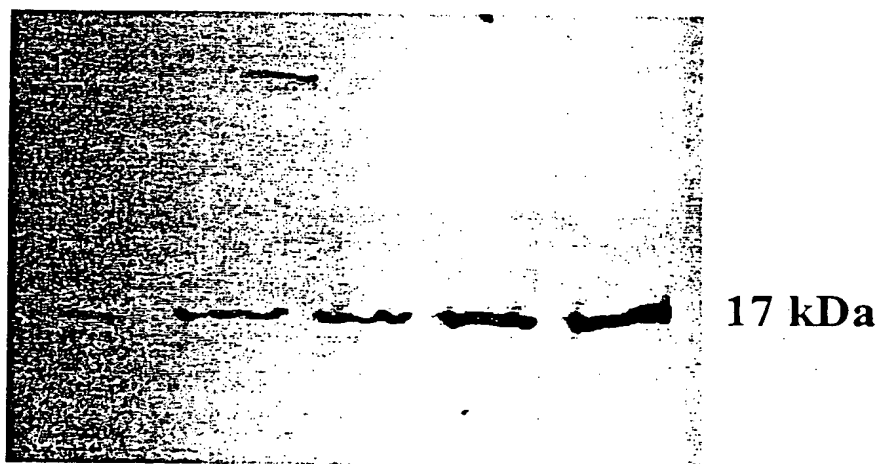


Figure 10

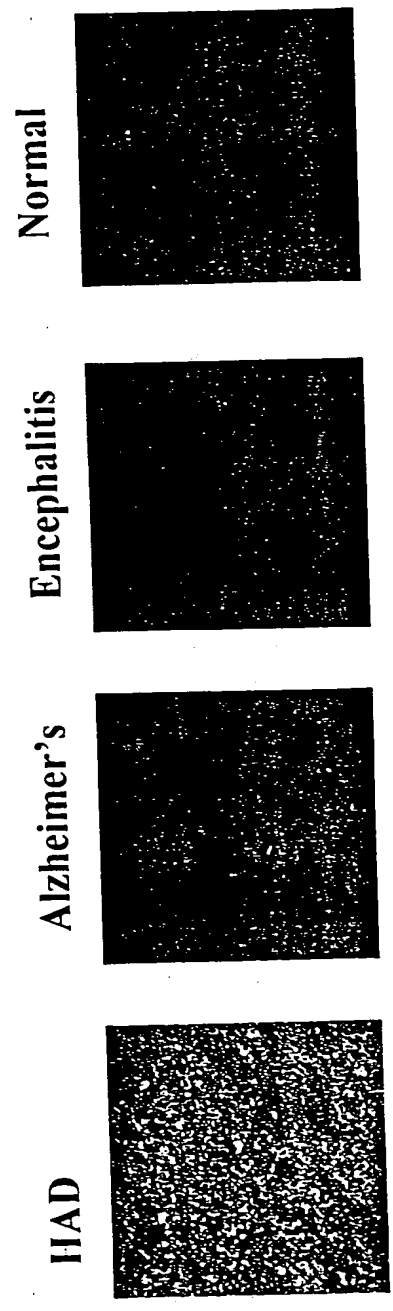
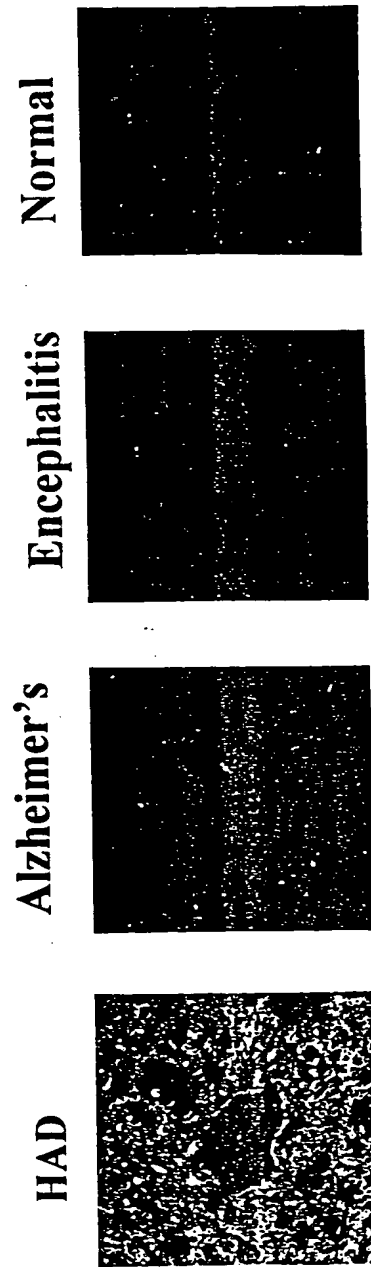


Figure 11



CONFIDENTIAL

Figure 12

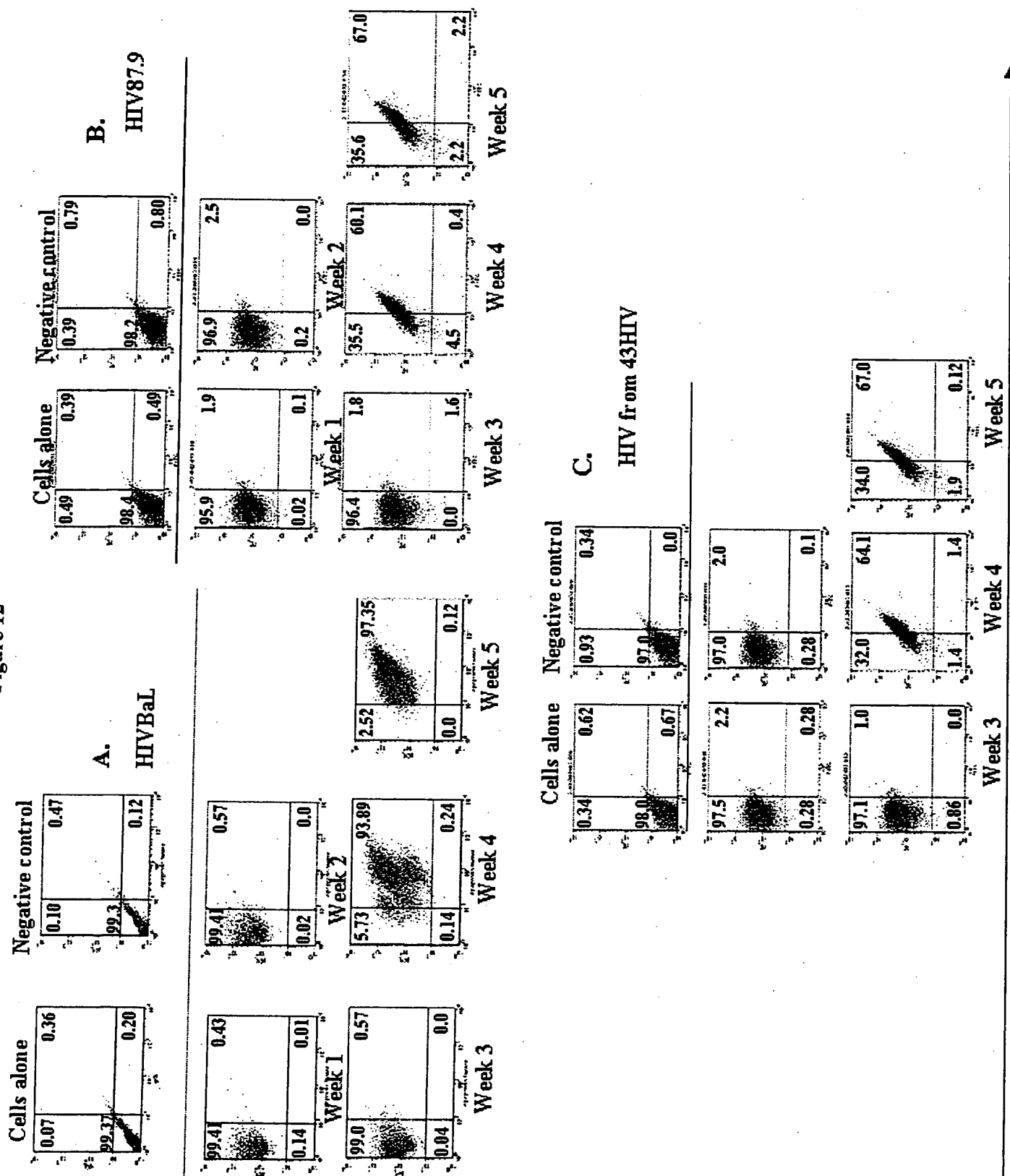


Figure 13

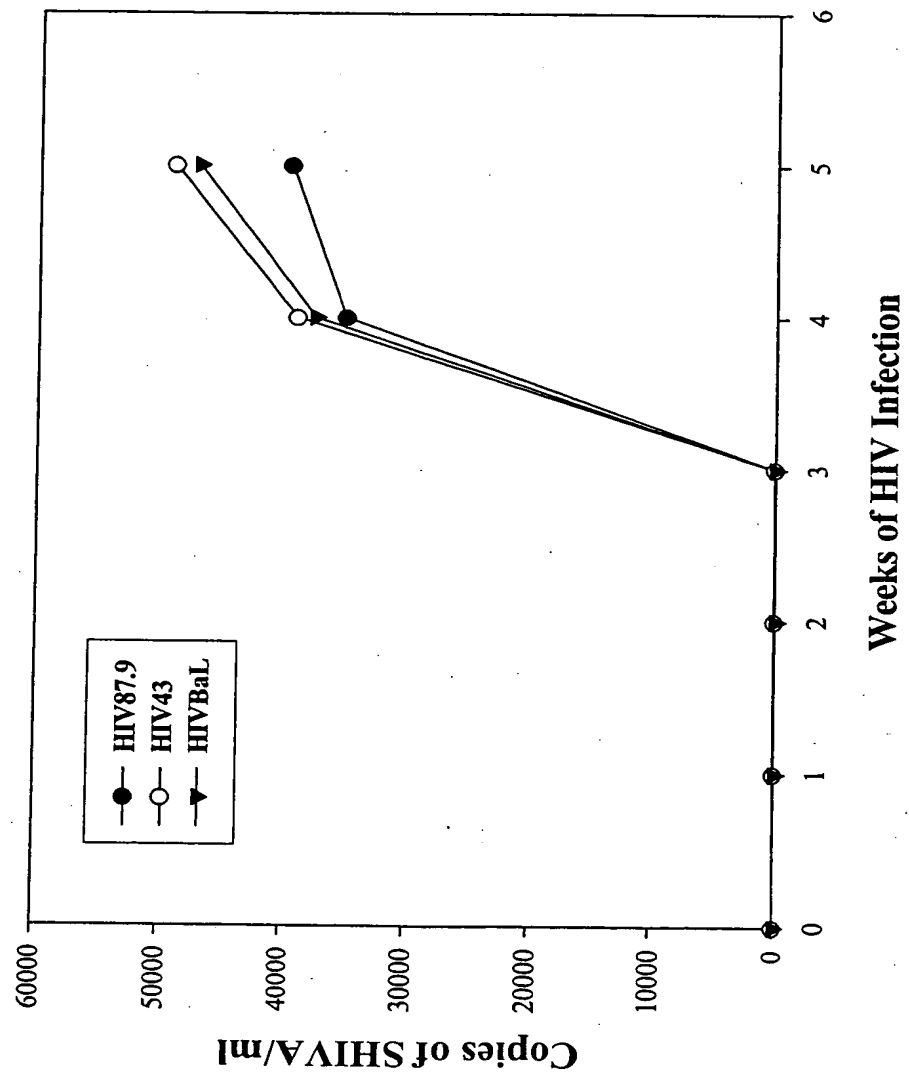


Figure 14

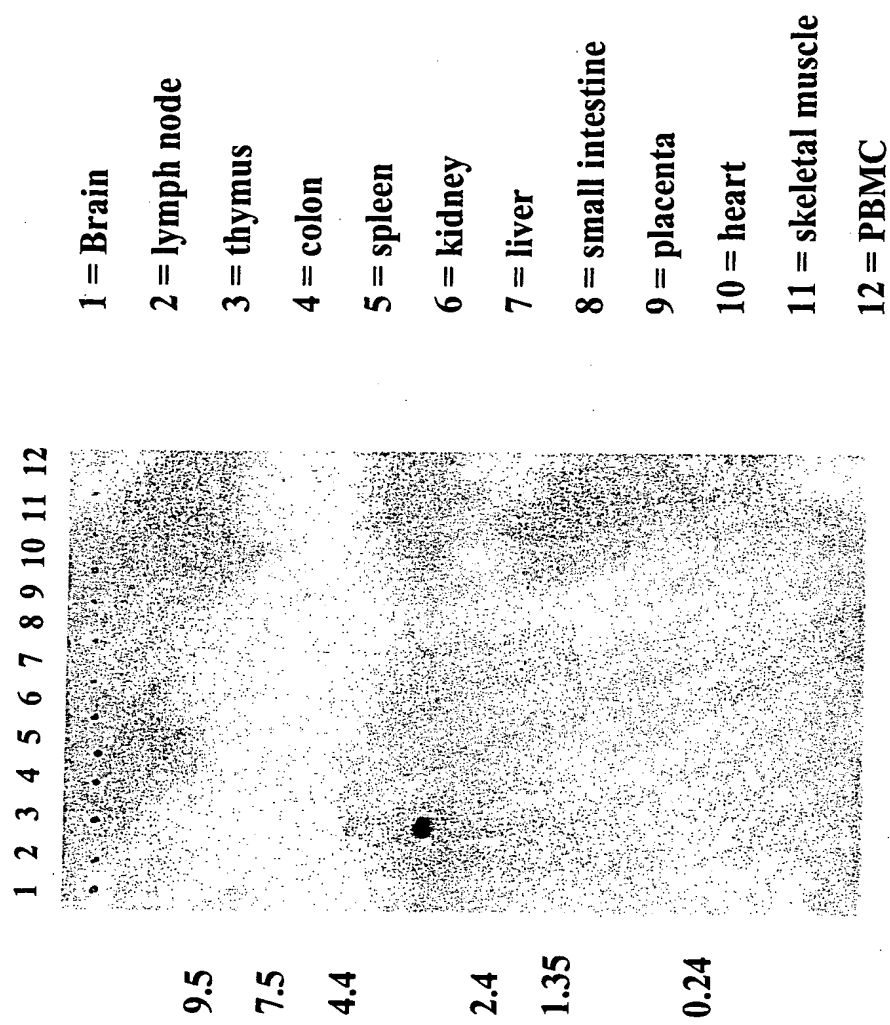


Figure 15

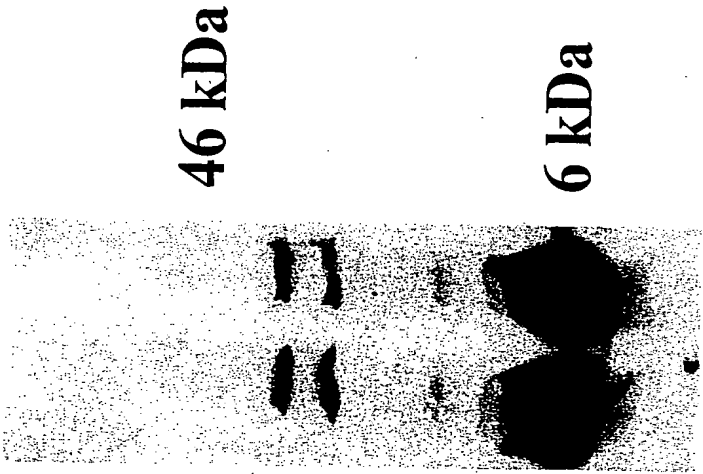


Figure 16A

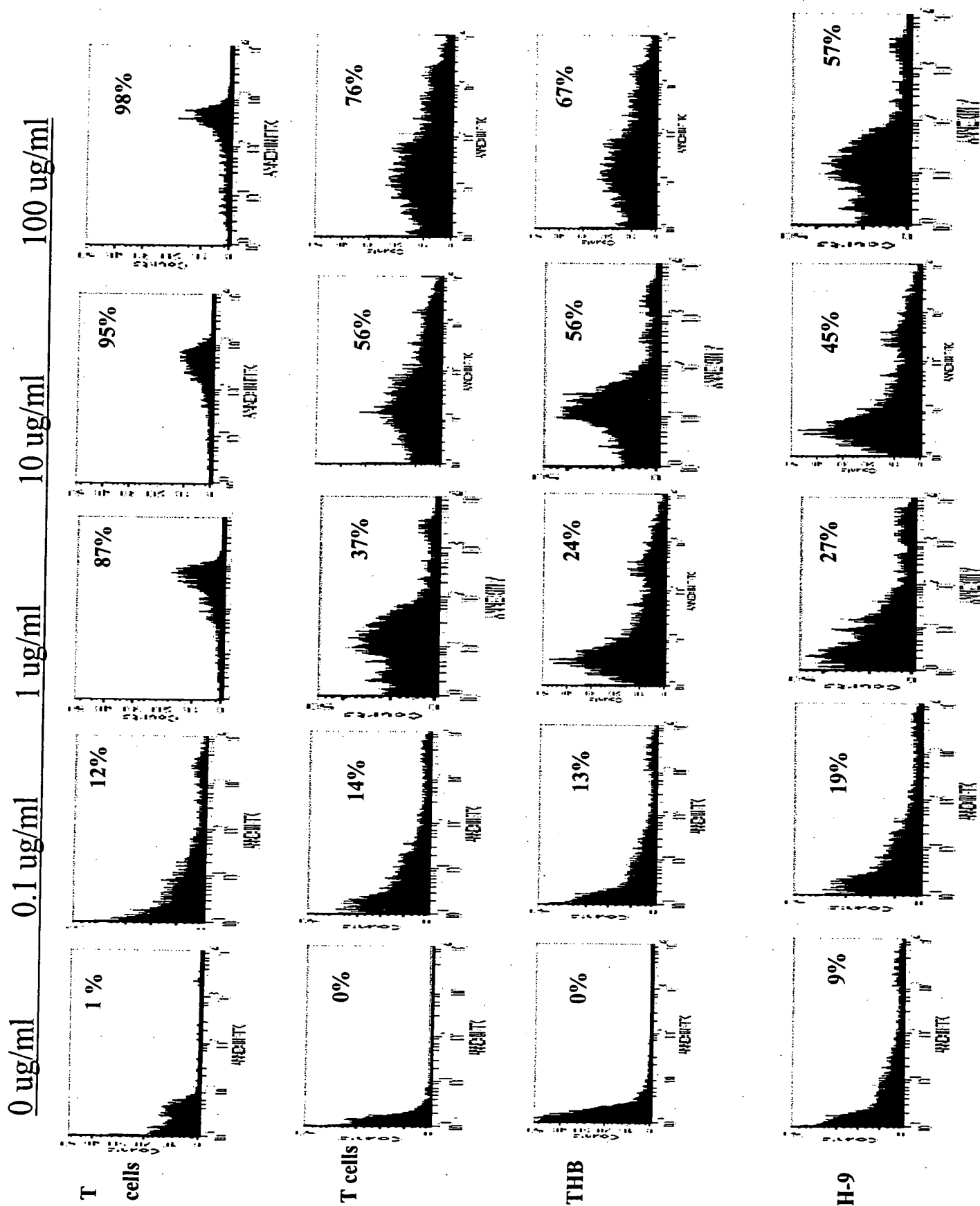
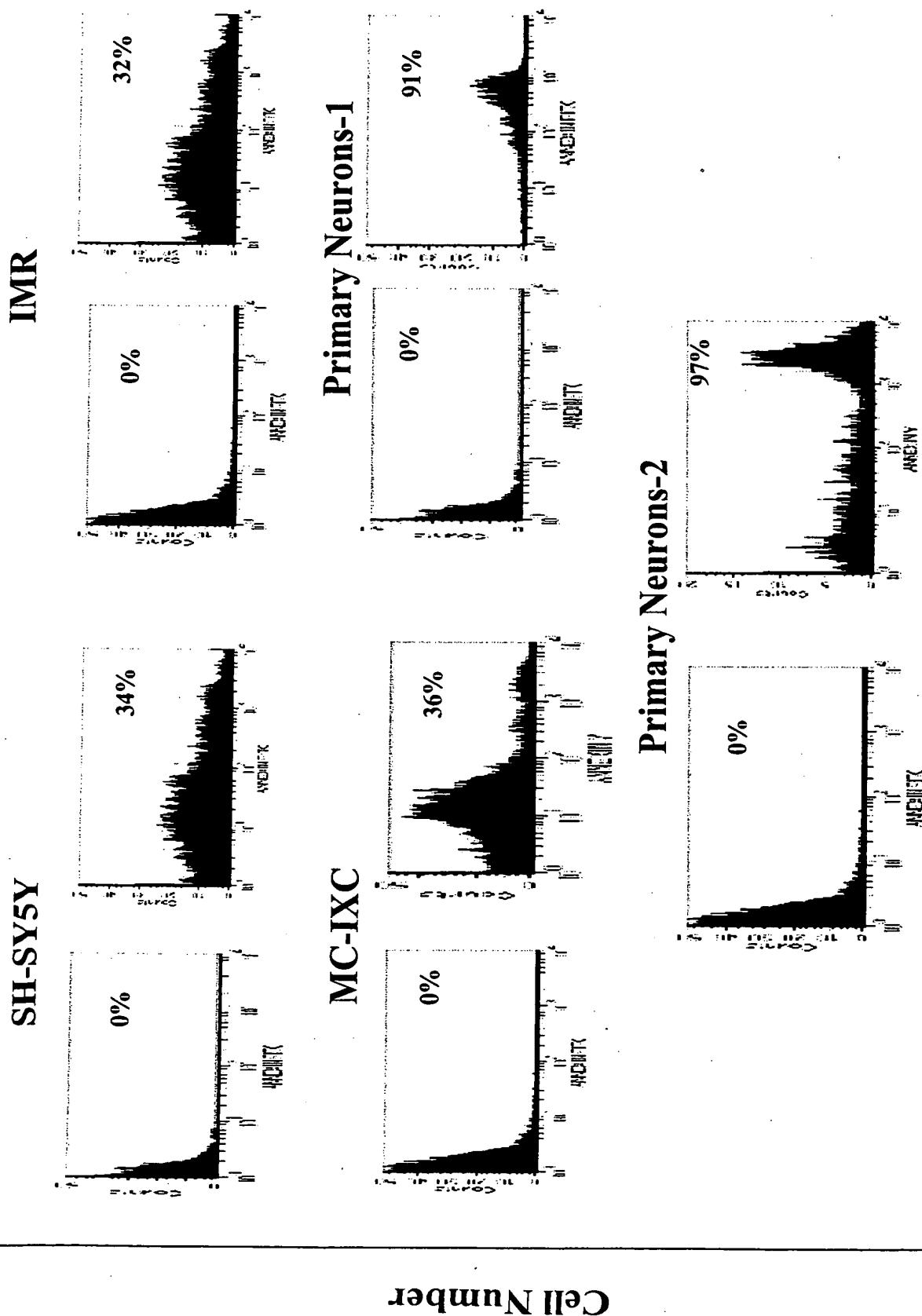


Figure 16B



IgG negative control

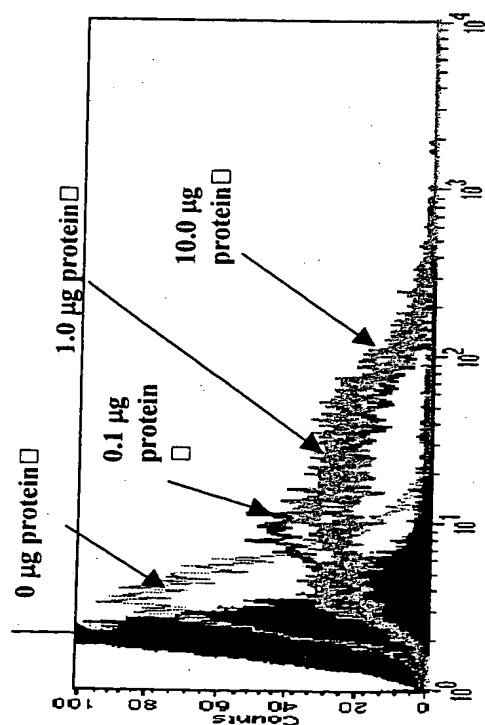


Figure 17

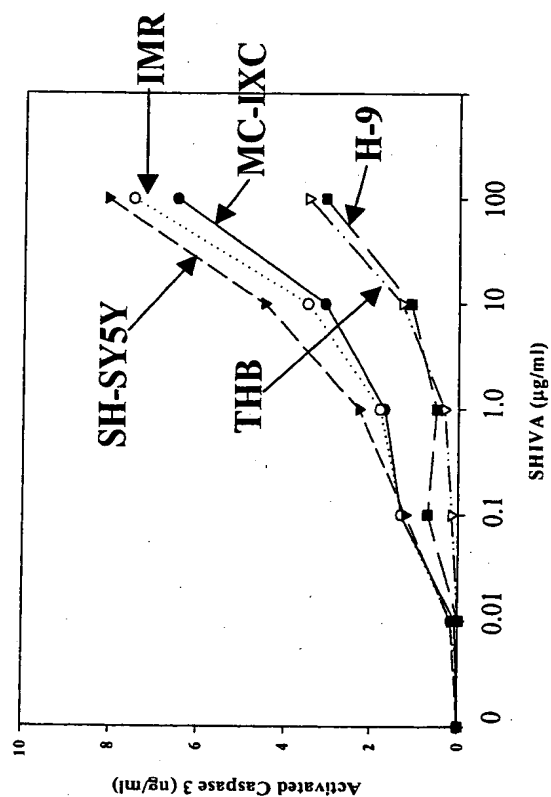
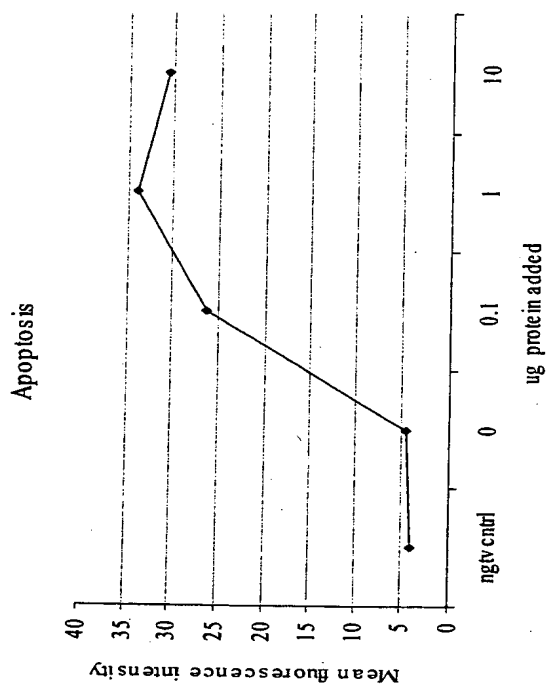
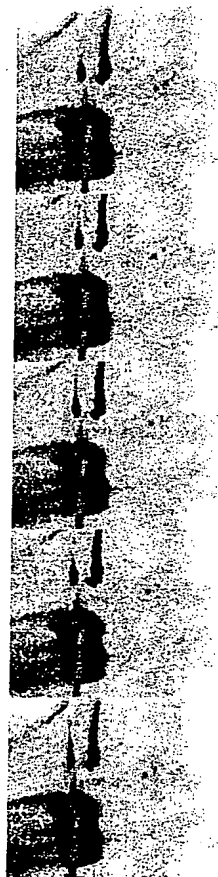


Figure 18

A.

1 2 3 4 5 6 7 8 9 10



- 1 = SH-SY5H alone
- 2 = SH-SY5H + SHIVA
- 3 = IMR alone
- 4 = IMR + SHIVA
- 5 = MC-IXC alone
- 6 = MC-IXC + SHIVA
- 7 = neurons-1 alone
- 8 = neurons-1 + SHIVA
- 9 = neurons-2 alone
- 10 = neurons-2 + SHIVA

B.

1 2 3 4 5 6 7 8 9 10



C.

1 2 3 4 5 6 7 8 9 10

15 kDa

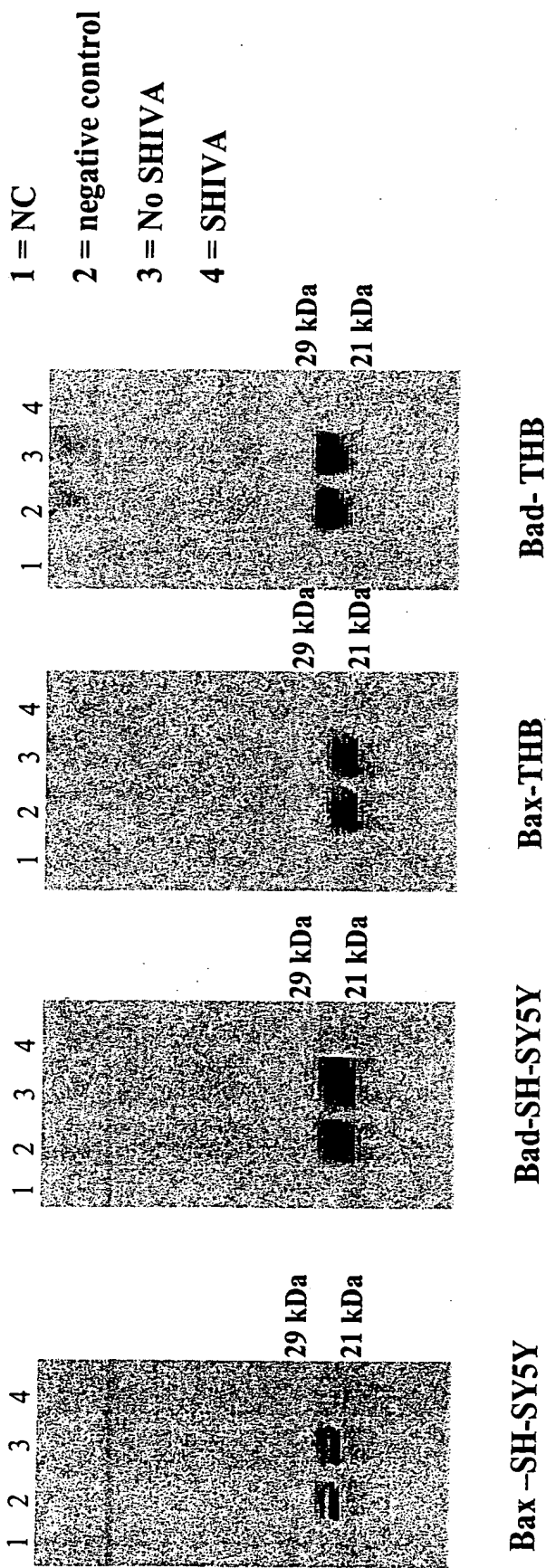


M = mitochondria, C = cytosol

M C M C M C M C M C M C

Figures 19A and 19B

A.



B.

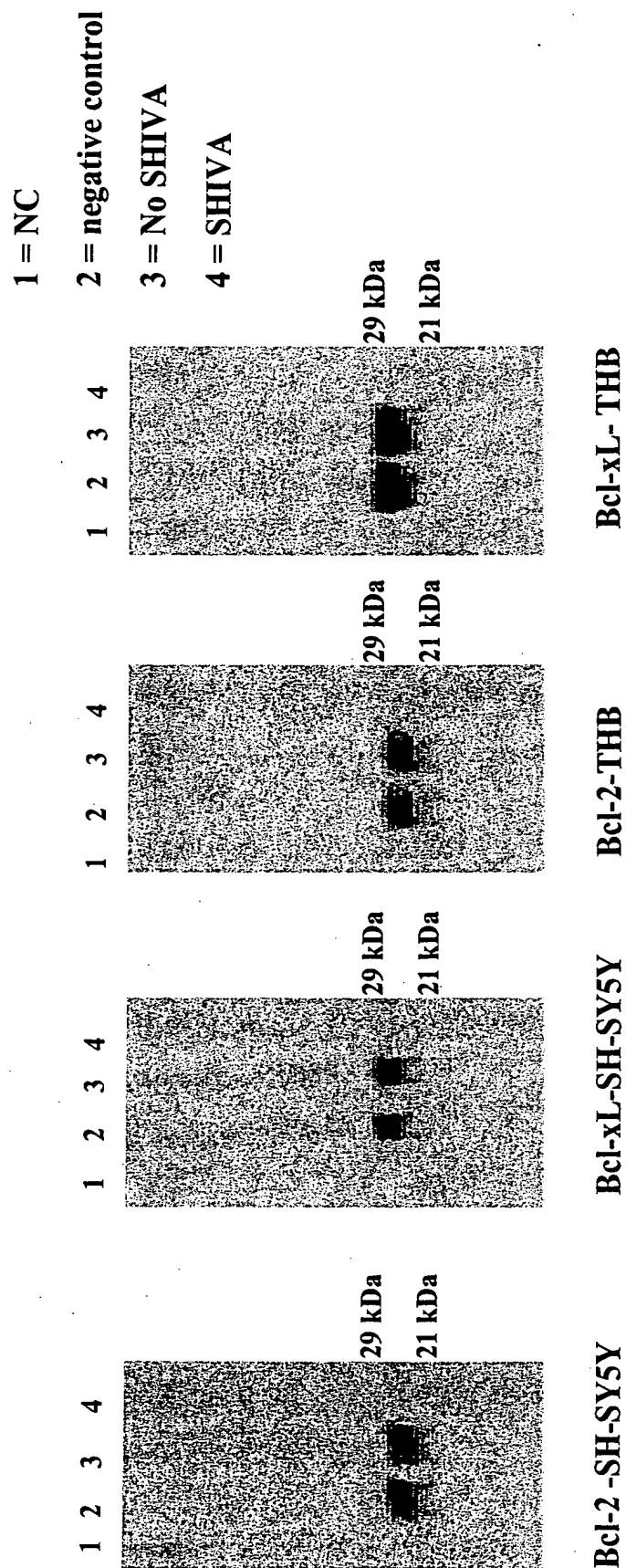


Figure 19C

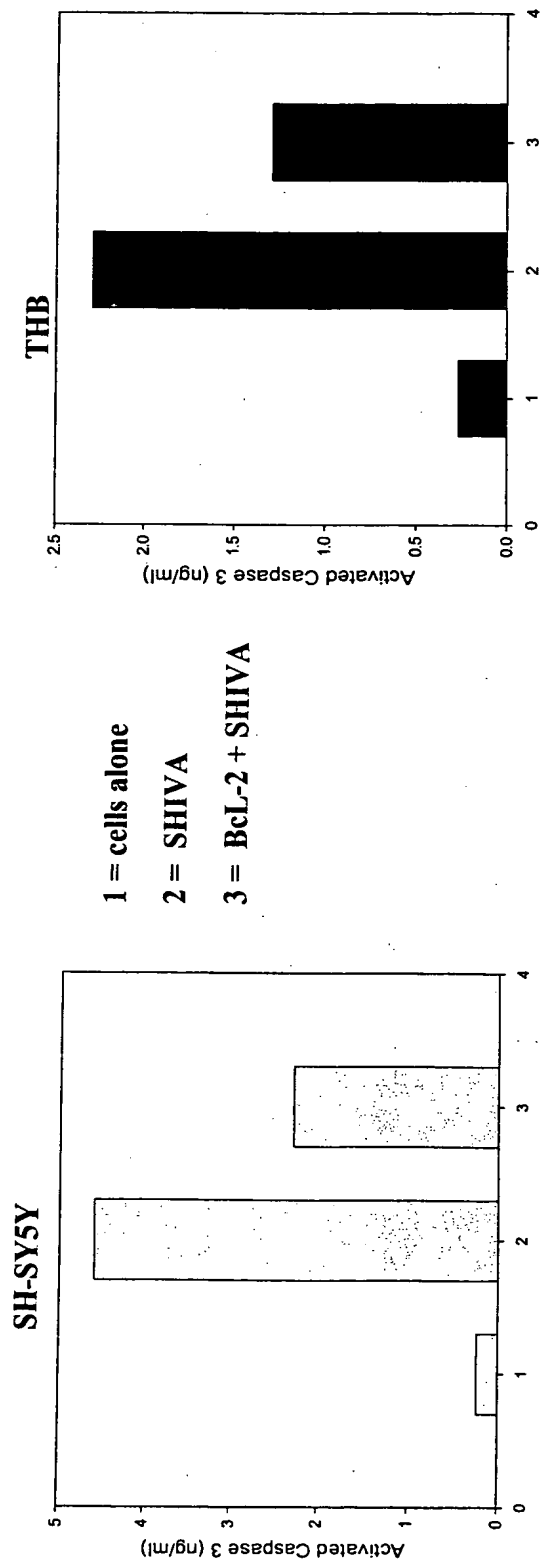
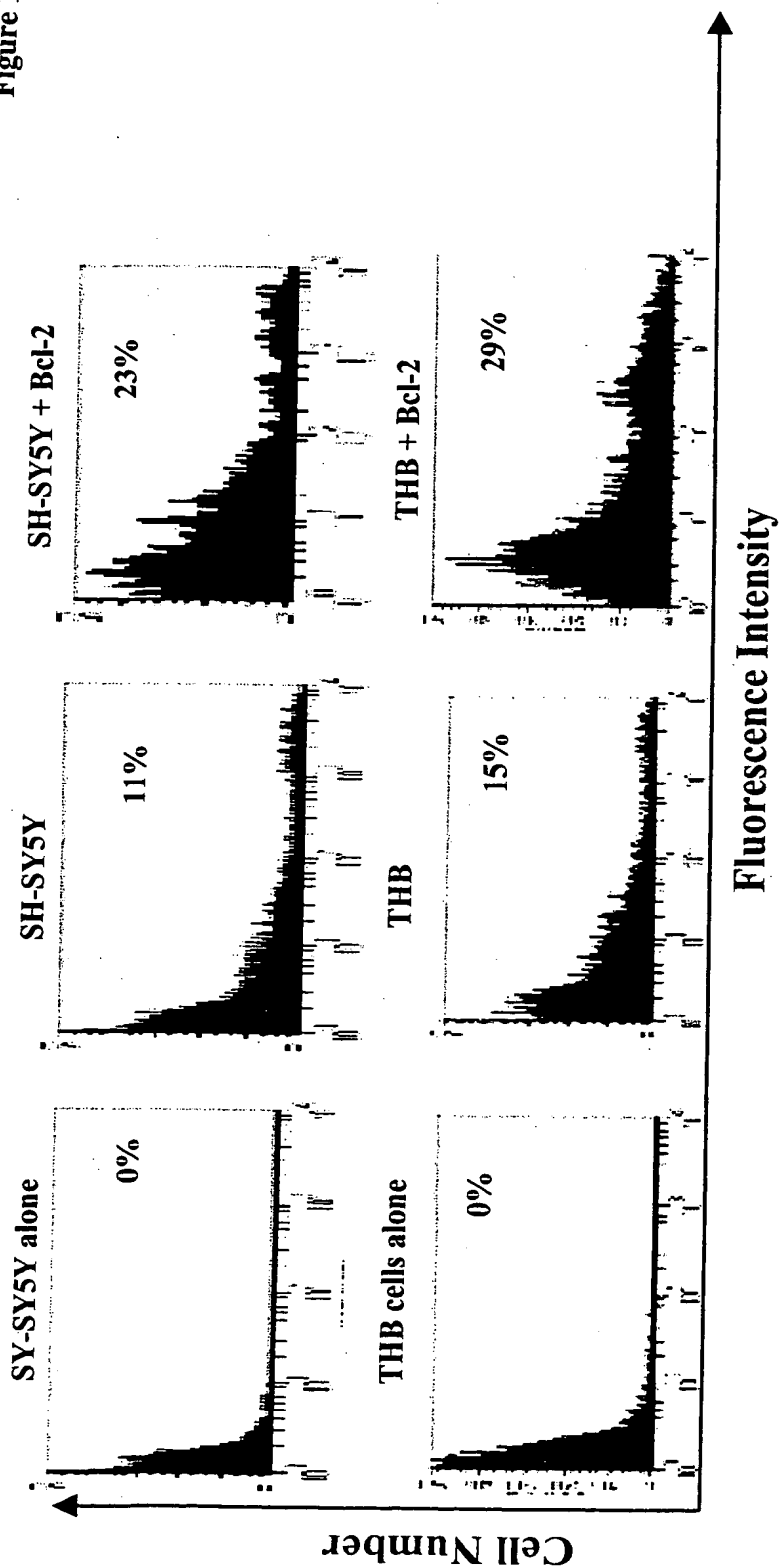
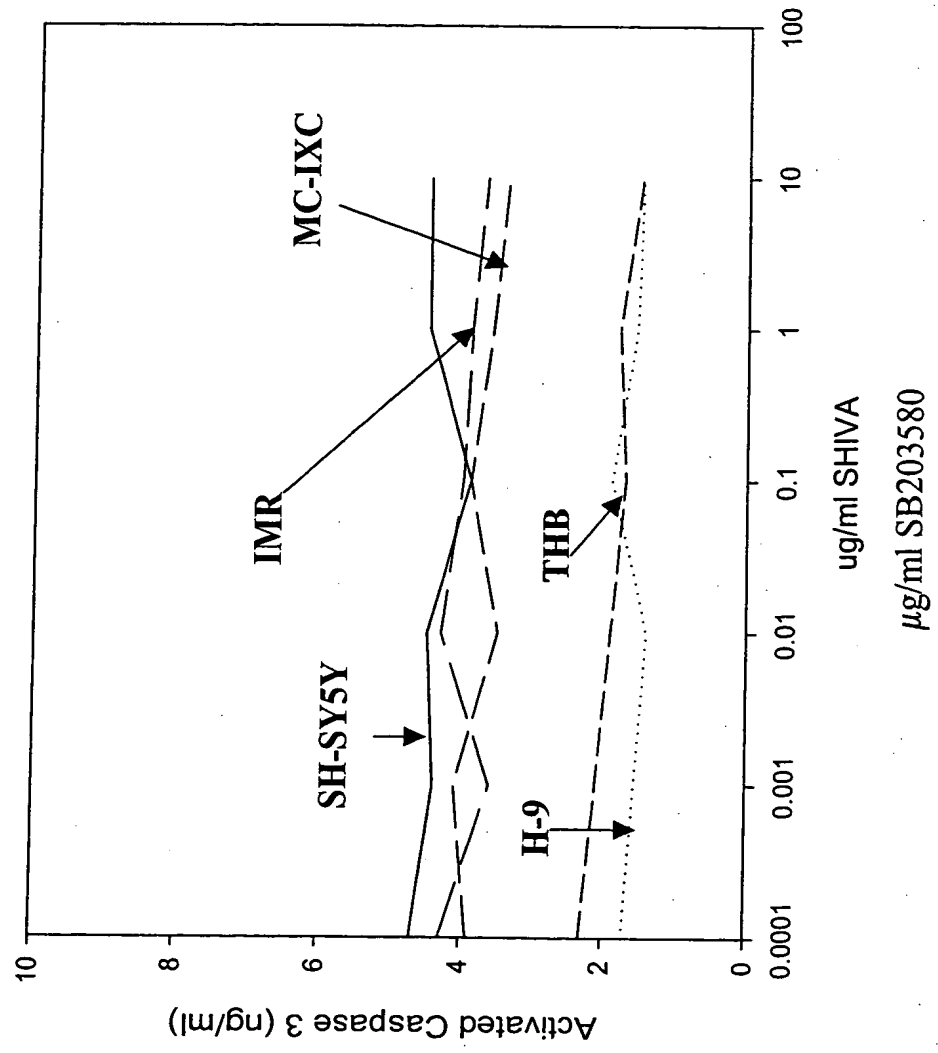


Figure 19D



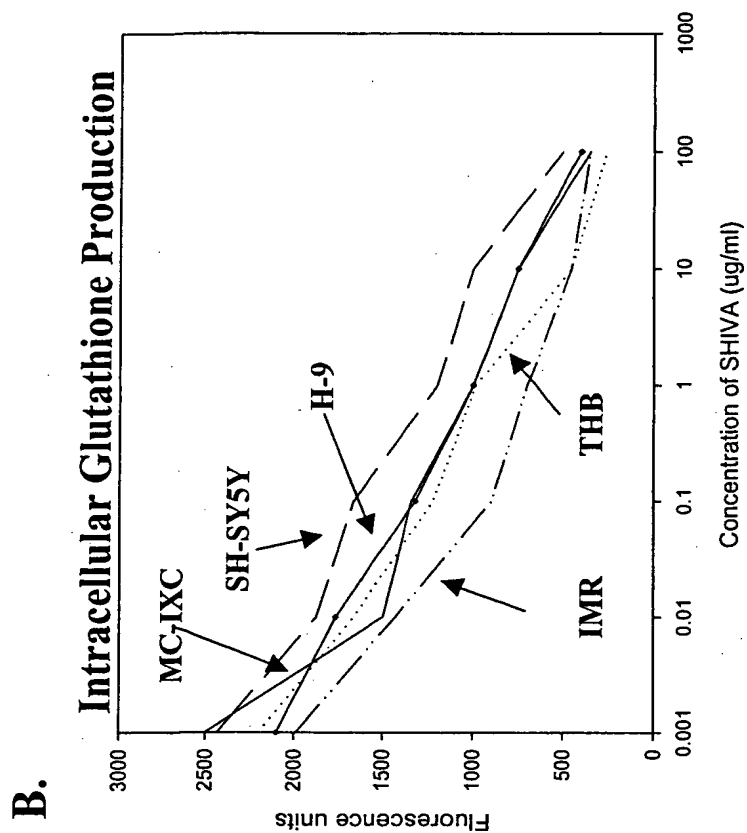
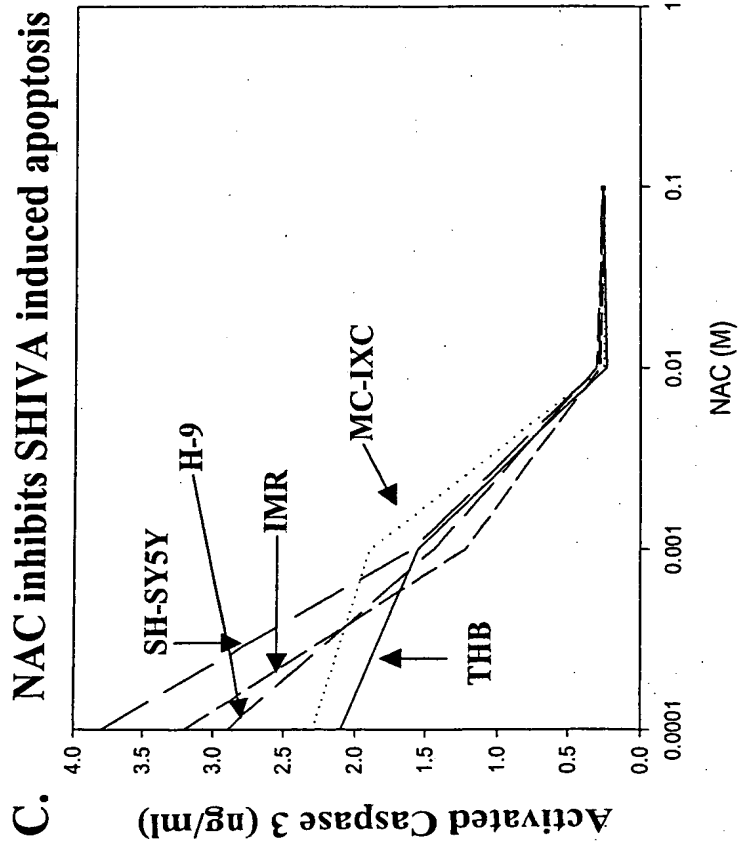
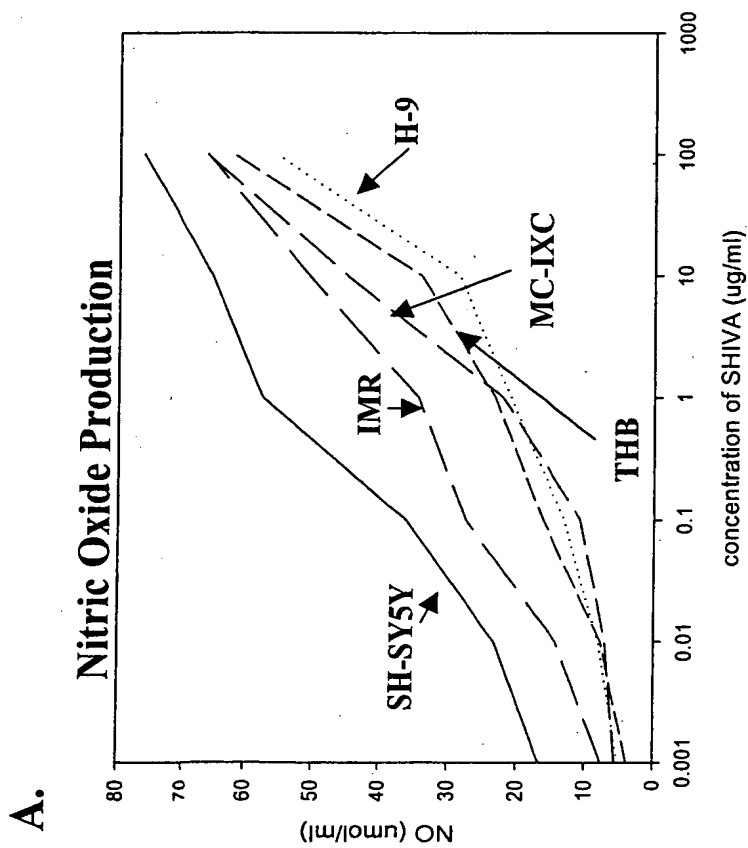


Figure 20

43HIV-CD14^{low}CD16^{high}

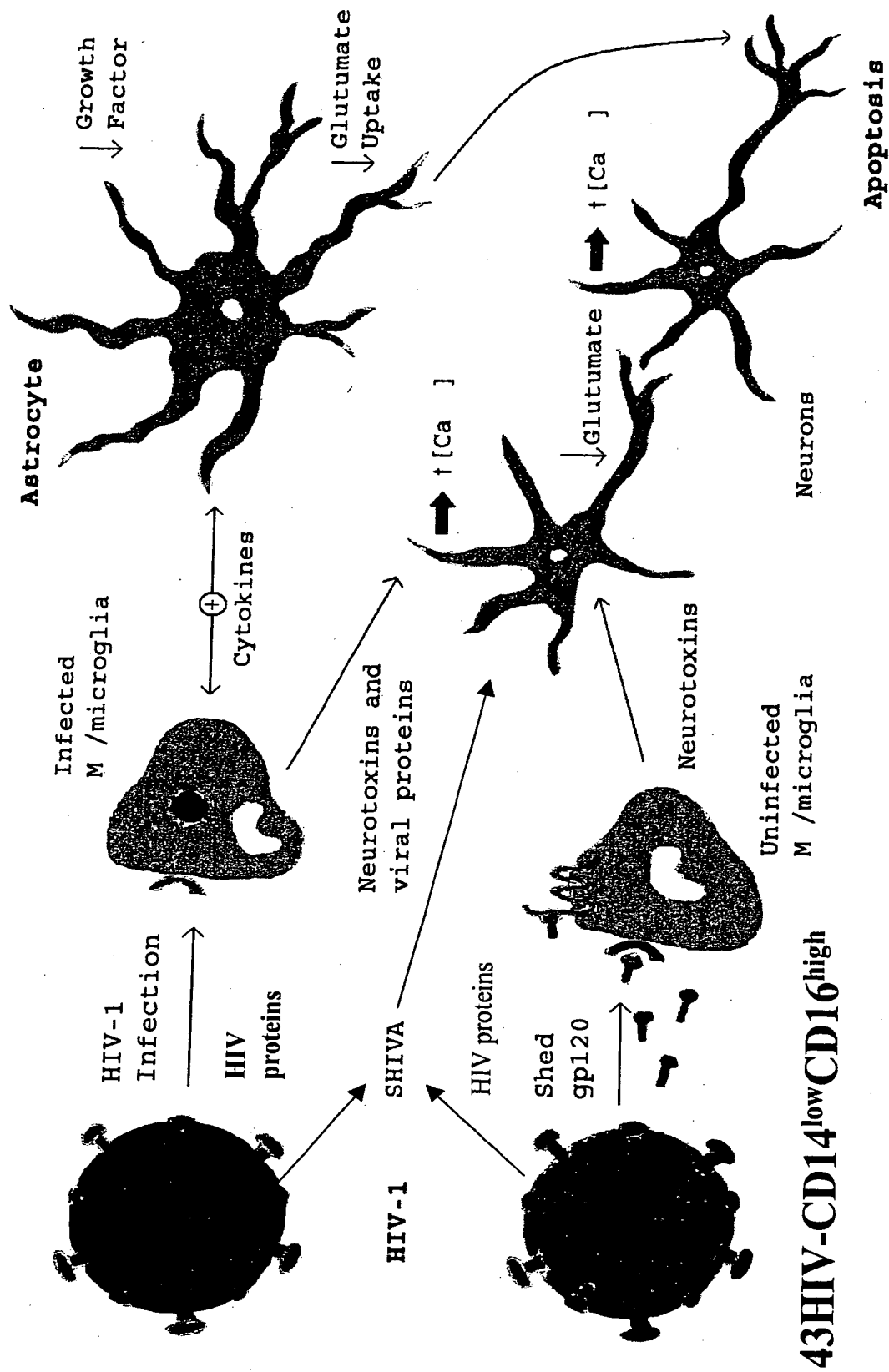


Figure 21

CD4
CXCR4 or CCR5
chemokine
receptor

San